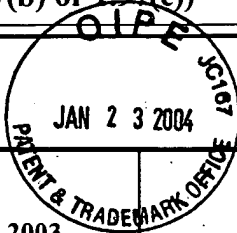


TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
RESP:109US

In Re Application Of: **CAO et al.**



Serial No.
10/665,535

Filing Date
September 19, 2003

Examiner
N/A

Group Art Unit
2131

Title: **EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL
CROSS-CONNECTS WITH WAVELENGTH BAND SWITCHING**

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

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Examiner

N/A

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2131

**EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL
CROSS-CONNECTS WITH WAVELENGTH BAND SWITCHING****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-0822 as described below.
- ☐ Charge the amount of _____
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S. Peter Konzel, Esq., Registration No. 53,152

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***This certificate may only be used if paying by deposit account.**

Signature

Dated: January 21, 2004

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Telephone N . 716-626-1564

CC:



**U.S. UTILITY PATENT APPLICATION
ATTORNEY DOCKET NO. RESP:109US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In the Matter of United States Patent Application:

Applicant(s): CAO et al.

Examiner: N/A

Application No.: 10/665,535

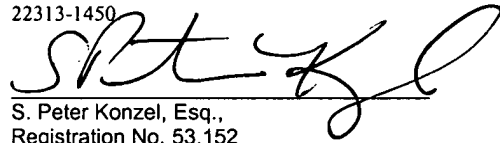
Art Unit: 2131

Filed: September 19, 2003

For: EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL
CROSS-CONNECTS WITH WAVELENGTH BAND SWITCHING

Certificate of Mailing by First Class Mail

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S. Peter Konzel, Esq.,
Registration No. 53,152

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Honorable Sir:

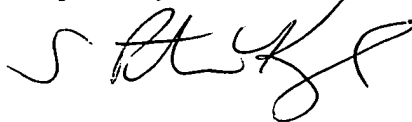
This Information Disclosure Statement is submitted in compliance with 37 C.F.R. §§ 1.56
and 1.97 through 1.98.

Record is attached of published art for consideration during prosecution of the above-identified patent application. No representation is made or intended that a search has been made or, if made, was complete, or that no more pertinent art than that listed is available. It is expected that the Patent and Trademark Office will conduct an independent search for relevant prior art.

Unless otherwise indicated, or unless references cited are U.S. patents or patent application publications, a full text copy of the entire reference of published art is attached. Where specifically indicated, an equivalent English language patent or publication is attached in lieu of the translation.

In accordance with the Patent and Trademark Office Notice of August 15, 1980, also enclosed is a completed Form PTO-A820 (Form PTO-1449).

Respectfully submitted,

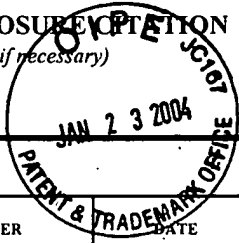


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RPS/LAC/SPK/rca
Enclosures (8 References)

INFORMATION DISCLOSURE EXCERPTION
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Docket Number (Optional)

RESP:109US

Application Number

10/665,535

Applicant(s)

CAO et al.

Filing Date

September 19, 2003

Group Art Unit

2131

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	(1)	O. Gerstel, R. Ramaswami, and W. Wang, "Making use of a two stage multiplexing scheme in a WDM network," in <i>Proceedings - OFC</i> , 2000, pp. ThD1-3.
	(2)	J. Paul Faure et al., "A scalable transparent waveband-based optical metropolitan network," in <i>ECOC</i> , post-deadline, 2001.

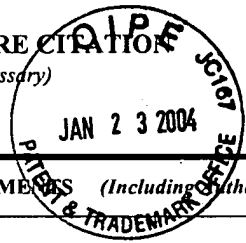
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*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(3)

R. Lingampalli and P. Vengalam, "Effect of wavelength and waveband grooming on all-optical networks with single layer photonic switching," *Proceedings - OFC*, 2002, p. ThP4.

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L. Noirie, C. Blaizot, and E. Dotaro, "Multi-granularity optical cross-connect," in *ECOC*, 2000.

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R. Izmailov, S. Ganguly, Y. Suemura, I. Nishioka, Y. Maeno, and S. Araki, "Waveband routing in optical networks, in *IEEE International Conference on Communications (ICC '02)*, New York, 2002.

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